

Weekly report for the Epiwork project  
Week: 7-11 September, 2009.

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Luis Filipe Lopes

Activities in which I have been involved in the past week:

- 1- Work on the chapter 2 of the deliverable.
- 2- Preparation of the INForum presentation.
- 3- Attend the INForum meeting.
- 4- Development of a front-end for the Collector based on previous work done for the Web Applications class.

Tasks for the next week:

- 1- Work on the chapter 2 of the deliverable.

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Patrícia Sousa

Activities in which I have been involved in the past week:

- 1- Finished the registration of user in Muradora
- 2- Put all the code on server Ochato
- 3- Worked on the tests and asked more feedback from team Epiwork
- 4- Helped people installing the software that they need to work

Tasks for the next week:

- 1- Format de Meireles server
- 2- Install CentOS in the Meireles server
- 3- See what's wrong with the application of changing the password and other parameters
- 4- Continue studying the shibboleth for use in forum

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João Zamite

Activities in which I have been involved in the past week:

- 1- Development of a front-end for the Collector based on previous work done for the Web Applications class.
- 2- Continuing studies of the UMLS ontology, with special emphasis on foreign disease name retrieval from a known disease name or Concept Unique Identifier (CUI).

Tasks for the next week:

- Continuing the work developed on the previous task.
- Recovering Collector data that was not retrieved since 25/08/2009 due to an IP block by twitter.

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Weekly report for the Epiwork project  
Week: 14-18 September, 2009.

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Luis Filipe Lopes

Activities in which I have been involved in the past week:

- 1- Work on the chapter 2 of the deliverable.
- 2- Work on the data model and Dublin Core extension.

Tasks for the next week:

- Preparation of the data model and of the DC metadata Application Profile for the Epiwork repository.

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Patrícia Sousa

Activities in which I have been involved in the past week:

- 1- Support for the XLDB site, creating new accounts and account troubleshooting.
- 2- Formatted the Meireles server
- 3- Optimized the registration with PostgreSQL
- 4- Worked on tests and asked more feedback from team Epiwork
- 5- Made a script with Java+Jndi that changes attributes, like the password, on LDAP.

Tasks for the next week:

- add new features to the registration page:
  - . allow the user to add a partner on the Epiwork project;
  - . check the e-mail and password on the registration site;
  - . send token to the user e-mail so he can confirm the e-mail address;
  - . send an e-mail to Epiwork team alerting the new user has registered at the Epiwork Marketplace.

João Zamite

Activities in which I have been involved in the past week:

- 1- Continuing the activities described on the previous week.
- 2- Looking for alternatives to the extraction of foreign language disease names from UMLS.

A preliminary attempt was developed by retrieving the disease names from the collector database, and translating them using yahoo pipes (example:

[http://pipes.yahoo.com/zamite/disease\\_translator](http://pipes.yahoo.com/zamite/disease_translator)).

This results in some good translations ("Influenza" to Gripe, gripe, etc.) but also in some abnormalities ("Chicken Pox" to "Sífilis de pollo" instead of "Varicella").

A better alternative could be developed using the Google Translator API, which seems to result in more robust translations (Chicken Pox to "Varicela, Varicella, etc.).

Tasks for the next week:

- Main focus on solving the issues that arise from the collector's usage of Twitter's Search API, with specific attention to the rate-limits that apply to this API.
- Usage of the Google Translator API to extract foreign disease names and comparison to the yahoo alternative.

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Hugo Ferreira

Activities in which I have been involved in the past week:

- 1- Studying JSP by the book: "Programação com JSP"
- 2- Development and test of several basic applications in JSP
- 3- Monitoring backups from remi Server
- 4- Configuration of ochato Server to support SSL connections
- 5- Instalation of Eclipse and Netbeans IDE's in ochato Server
- 6- Recovery of files from the backup tar's in remi Server.

Tasks for the next week:

- Continue reading the book "Programação com JSP"
- Develop and test JSP applications using JavaBeans
- Create a watchdog script to verify the integrity of the backups in remi Server
- Develop a JSP application to authenticate a user in LDAP

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Weekly report for the Epiwork project

Week: 21-25 September, 2009.

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Luis Filipe Lopes

Activities in which I have been involved in the past week:

- 1- Work on the chapters 2, 4 and 5 of the deliverable.
- 2- Preparation of the data model and of the DC metadata Application Profile for the Epiwork repository.
- 3- Work on first drafts of the data model.

Tasks for the next week:

- 1- Work on the conclusion of the deliverable report.

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Patrícia Sousa

Activities in which I have been involved in the past week:

- 1- Added new features to the registration page that:
  - . allow the user to add a partner on the Epiwork project;
  - . check the e-mail and password on the registration site;
  - . send token to the user e-mail so he can confirm the e-mail address;
  - . send an e-mail to Epiwork team alerting the new user has registered at the Epiwork Marketplace.
- 2- Understood the SSL protocol and add it to JNDI.

Tasks for the next week:

- Finish the authentication using the SSL protocol
- Install the phpBB forum on the Ochato server.
- Install the phpBB module to support Shibboleth on Ochato server.
- Study how to use Shibboleth for login with muradora.

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João Zamite

Activities in which I have been involved in the past week:

1- Changing the Collector software, to take into account the instructions of the Twitter documentation in what comes to rate-limiting and Search-API requests, in hope that Twitter will drop the block to our IP.

Tasks for the next week:

- Writing the first version of the preliminary report for my Master's Dissertation.

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Hugo Ferreira

Activities in which I have been involved in the past week:

1- Continue reading the book "Programação com JSP"  
2- Develop and test JSP applications using JavaBeans  
3- Create a watchdog script to verify the integrity of the backups in remi Server, that sends an email to a element of the EPIWork team reporting the status of the backups  
4- Develop a JSP application to authenticate a user in LDAP.

Tasks for the next week:

- Develop and test JSP applications which can authenticate a user in LDAP and get their roles to provide access control to the data stored in the Epidemic Marketplace

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Weekly report for the Epiwork project

Week: 28 September - 2 October, 2009.

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Luis Filipe Lopes

Activities in which I have been involved in the past week:

1- Worked on final details of the deliverable, before its release.  
2- Started working on the preliminary report for the Master's thesis.

Tasks for the next week:

- Work on the preliminary report for the Master's thesis.

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Patrícia Sousa

Activities in which I have been involved in the past week:

1- Helped solving some issues with XLDB site.  
2- Enlarge the size limit of uploadable files to the XLDB site.  
3- Tried to figure out what's the problem with the SSL connection to the Ochato server.

Tasks for the next week:

- Continue to look for the problem causing the SSL connection failure.  
- Ask for feedback and suggestions from registration users  
- Enable registration on the Remi server

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João Zamite

Activities in which I have been involved in the past week:

1- After being unblocked by Twitter, reactivated the Collector Software, with attention to scheduling and logging, in order to avoid concurrency to the Search API requests.  
2- Writing of the first version of the preliminary report for my Master's Dissertation.

Tasks for the next week:

- Continue the work on the preliminary report.  
- Return to the development of alternate Disease Name translation systems, as previously described (based on Google Translate, and other systems).

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Hugo Ferreira

Activities in which I have been involved in the past week:

1- Continue reading the book "Programação com JSP"  
2- Develop and test JSP applications using JavaBeans  
3- Create a watchdog script to verify the integrity of the backups in remi Server, that sends an email to a element of the EPIWork team reporting the status of the backups  
4- Develop a JSP application to authenticate a user in LDAP.

Tasks for the next week:

- Develop and test JSP applications which can authenticate a user in LDAP and get their roles to provide access control to the data stored in the Epidemic Marketplace